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Part Number:

0015800105

Status:

Active

Overview:

Description:

2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 10 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	70567
Application	Signal, Wire-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	800755030402
Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.903/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

70567 Series

Mates With

C-Grid Vertical PCB Receptacle [71850](#) ,
[71395](#) . SL Crimp Housing [70450](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

Material Info

Engineering Number	70567-0139
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Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0018-001
Product Specification	PS-70567-001
Sales Drawing	SDA-70567-XXXX-001

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